

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) A method ~~Method~~ for delivery of a good for a first entity (C100), wherein the following steps are executed:
 - transporting the good by a second entity (D100) to a storage (S120) being locked by a lock system (S110),
 - determining the location of the storage (S120) and/or the lock system (S110),
 - communicating the determined location to the second entity (D100) in regular intervals or whenever the location of the storage (S120) and/or the lock system (S110) changes,
 - communicating a notification to the first entity (C100) for requesting an unlocking of the lock system (S110) for the second entity (D100),
 - sending a message via a mobile telecommunication system from the first entity (C100) to the lock system (S110) for unlocking the lock system (S110),
 - unlocking the lock system (S110) based on the received message,
 - opening the storage (S120), and
 - transferring the good from the second entity (D100) to the opened storage (S120).
2. (Currently Amended) The method according to claim 1, further comprising the step of communicating an address of the storage (S120) or the lock system (S110) to the second entity (D100) during the transport.
3. (Currently Amended) A method ~~Method~~ for obtaining a good from a first entity (C100), wherein the following steps are executed:

~~traveling by~~ a second entity (~~D100~~) traveling to a storage (~~S120~~) comprising the good, the storage (~~S120~~) being locked by a lock system (~~S110~~), determining the location of the storage or (~~S120~~) ~~and/or~~ the lock system (~~S110~~), communicating the determined location to the second entity (~~D100~~) in regular intervals or whenever the location of the storage or (~~S120~~) ~~and/or~~ the lock system (~~S110~~) changes, communicating a notification to the first entity (~~C100~~) for requesting an unlocking of the lock system (~~S110~~) for the second entity (~~D100~~), sending a message via a mobile telecommunication system from the first entity (~~C100~~) to the lock system (~~S110~~) for unlocking the lock system (~~S110~~), unlocking the lock system (~~S110~~) based on the received message, opening the storage (~~S120~~), and transferring the good from the opened storage (~~S120~~) to the second entity (~~D100~~).

4. (Currently Amended) The method according to claim 3, further comprising the step of communicating a delivery address related to the storage (~~S120~~) or the lock system (~~S110~~) to the second entity (~~D100~~) during the traveling.

5. (Currently Amended) The method according to claim 3 ~~any of the preceding claims~~, further comprising the step of obtaining, by the second entity, (~~D100~~) information for notifying the first entity (~~C100~~) from the storage (~~S120~~) or the lock system (~~S110~~).

6. (Currently Amended) The method according to claim 3 ~~any of the preceding claims~~, further comprising the step of authenticating at least one of the first entity (~~C100~~), the second entity (~~D100~~), and the lock system (~~S110~~) for the unlocking.

7. (Currently Amended) The method according to claim 3 ~~any of the preceding claims~~, further comprising the step of verifying an authorization of at least one of the first and the second entity (~~D100~~) by the lock system (~~S110~~) for the unlocking.

8. (Currently Amended) The method according to claim 3 ~~any of the preceding claims~~, further comprising the step of verifying restriction information for the unlocking.

9. (Currently Amended) The method according to claim 3 ~~any of the preceding claims~~, further comprising the step of supervising one or more steps of the method for delivery.

10. (Currently Amended) The method according to claim 3 ~~any of the preceding claims~~, wherein the storage (~~S120~~) is an interior of a vehicle.

11. (Currently Amended) The method according to claim 3 ~~any of the claims 1 to 10~~, wherein the storage (~~S120~~) is the trunk of a car.

12. (Currently Amended) The method according to claim 3 ~~any of the preceding claims~~, further comprising the step of remotely locking the lock system (~~S110~~).

13. (Currently Amended) A Method for remotely controlling a lock system (~~S110~~), the method comprising the steps of
determining the location of the lock system (~~S110~~),
communicating the determined location to a second entity (~~D100~~) in regular intervals or whenever the location of the lock system (~~S110~~) changes,
communicating a notification to a first entity (~~C100~~) for requesting an operation of the lock system (~~S110~~) for the second entity (~~D100~~),

receiving at the lock system (S110) a message for operating a lock (L) of the lock system (S110), the message being received from the first entity (C100) via a mobile communication system,
generating by the lock system (S110) a signal for operating the lock (L) according to the message, and
communicating the signal to the lock (L) and operating the lock (L) according to the signal.

14. (Currently Amended) The method according to claim 13, further comprising the step of authenticating the first entity or (C100) ~~and/or~~ verifying an authorization of the first entity (C100) by the lock system (S110) for operating the lock (L).

15. (Currently Amended) The method according to claim 13 ~~or 14~~, wherein the message is proxied via the second entity (D100), the method further comprising the step of authenticating the second entity or (D100) ~~and/or~~ verifying an authorization of the second entity (D100) by the lock system (S110) for operating the lock (L).

16. (Currently Amended) The method according to claim 13 ~~any of the claims 13 to 15~~, further comprising the step of verifying restriction information by the lock system (S110) for operating the lock (L).

17. (Currently Amended) The method according to claim 13 ~~any of the claims 13 to 16~~, further comprising the steps of

receiving by the lock system (S110) from a detector a detector signal indicating information about the lock or (L) ~~and/or~~ about an environment of the lock (L),
generating by the lock system (S110) a further message based on the received detector signal for indicating said information to the first entity (C100), and

communicating the further message to the first entity (C100).

18. (Currently Amended) A remotely ~~Remotely~~ controllable lock system (S110) comprising:

a receiving unit (RU),

a transmission unit (TU),

a processing unit (PU), and

a lock (L),

means to determine the location of the lock system (S110),

means to communicate the determined location to a second entity (D100) in regular intervals or whenever the location of the lock system (S110) changes,

means for communicating ~~to communicate~~ a notification to a first entity (C100) for requesting an operation of the lock system (S110) for the second entity (D100), the receiving unit (RU) ~~is being~~ adapted to receive via a mobile telecommunication system a message from the first entity for operating the lock (L) ~~from the first entity (C100)~~, the processing unit (PU) ~~is being~~ adapted to process the message for generating a signal for operating the lock (L) according to the message, and the transmission unit (TU) ~~is being~~ adapted to communicate the signal to the lock (L) and the lock (L) ~~is being~~ adapted to operate ~~to be operated~~ according to the signal.

19. (Currently Amended) The lock system according to claim 18, wherein the processing unit (PU) is adapted to generate the signal for operating the lock (L) based on a key.

20. (Currently Amended) The lock system according to claim 18 ~~or 19~~, wherein the processing unit (PU) is adapted to authenticate the first entity (C100) and ~~and/or~~ to verify an authorization of the first entity (C100) for the operation.

21. (Currently Amended) The lock system according to claim 18 ~~any of the claims 18 to 20~~, wherein the processing unit (PU) is adapted to verify restriction information for the operation.

22. (Currently Amended) The lock system according to claim 18 ~~to 21~~, wherein the lock system (~~S110~~) further comprises a detector for a supervision of the lock (~~L~~) or an environment of the lock (~~L~~).

23. (Currently Amended) The lock system according to claim 18 ~~any of the claims 18 to 22~~, wherein the lock (~~L~~) is a lock of a vehicle.

24. (Currently Amended) The lock system according to claim 18 ~~any of the claims 18 to 23~~, wherein the lock system (~~S110~~) is portable.

25. (Currently Amended) The lock system according to claim 18 ~~any of the claims 18 to 24~~, wherein the receiving unit (~~RU~~), the processing unit (~~PU~~), and the transmission unit (~~TU~~) are part of a communication device with mobile phone functionality.

26. (Canceled)